



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Carsten Noeske                      **GROUP:** 2124  
**SERIAL NO:** 09/773,154                      **EXAMINER:** Chat C. Do  
**FILED:** January 31, 2001  
**FOR:** A COMPUTING UNIT FOR SIGNAL PROCESSING

Assistant Commissioner of Patents  
P.O. Box  
Alexandria, VA 22313-1450

**RECEIVED**  
**SEP 23 2004**  
**Technology Center 2100**

Sir:

**SECOND AMENDMENT**

This amendment is in response to the Official Action dated April 20, 2004.

Please amend the application as follows:

**IN THE CLAIMS:**

Amend claims 1-11 as follows:

1.(Currently Amended)      A ~~computing device on a~~ monolithic integrated circuit for multiplying together a digitized multiplier signal value and a digitized multiplicand signal value, said monolithic integrated circuit ~~computing device~~ comprising:

an input interface that receives said multiplicand and provides a received multiplicand indicative thereof;

a first place shifting device that includes a first logical assignment circuit to shift data bits of said received multiplicand in response to a first shift command signal, and provides a first shifted